

OIEP

2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/836,960

DATE: 05/03/2001

TIME: 12:05:05

Input Set : N:\Crf3\RULE60\09836960.txt

Output Set: N:\CRF3\05032001\I836960.raw

ENTERED

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3 <110> APPLICANT: Cen, Hui
4      Garcia, Pablo D.
5      Grieshammer, Uta
6      Kassam, Altaf
7      Lee, Pauline P.
8      Pot, David
9      Gospodarowicz, Dennis
10     Martin, Kathleen
12 <120> TITLE OF INVENTION: HUMAN FGF GENE AND GENE EXPRESSION
13     PRODUCTS
15 <130> FILE REFERENCE: 200130.401
17 <140> CURRENT APPLICATION NUMBER: 09/836,960
18 <141> CURRENT FILING DATE: 2001-04-17
21 <150> PRIOR APPLICATION NUMBER: 09/264,851
22 <151> PRIOR FILING DATE: 1999-03-08
24 <160> NUMBER OF SEQ ID NOS: 6
26 <170> SOFTWARE: FastSEQ for Windows Version 3.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 1128
30 <212> TYPE: DNA
31 <213> ORGANISM: Homo Sapien
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35 ccacgcgtcc gcggacgcgt ggggacgcgg aggaggagac atgagccggc gggcgcccag      120
36 acggagcggc cgtgacgctt tcgcgtgca gccgcgcgcc ccgaccccgg agcgtgacc      180
37 cctggcccca cgcagctccg cgcccgggcc ggagagcgca actcggcttc cagaccgcc      240
38 gcgcattgtg tccccggact gagccgggca gccagcctcc caccgacgcc cggacggccg      300
39 gccggccagc agtgagcgag cttccccgca ccggccaggc gcctcctgca caacggctgc      360
40 cgccccgcag cccctgcgcc agcccggagg gcgcagcgct cgggaggagc cgcgcggggc      420
41 gctgatgccg cagggcgcgc cgcgagcgcc cccggagcag cagagtctgc agcagcagca      480
42 gccggcgagg agggagcagc agcagcgggc gcggcgggcg cggcgggcggc ggaggcgccc      540
43 ggtcccggcc gcgcggagcg gacatgtgca ggctgggcta ggagccgccg cctccctccc      600
44 gccagcgat gtattcagcg cctccgcct gcacttgctt gtgtttacac ttcctgctgc      660
45 tgtgttcca ggtacagggt ctggttgccg aggagaacgt ggacttcgcg atccacgtgg      720
46 agaaccagac gcgggctcgg gacgatgtga gccgtaagca gctgcggctg taccagctct      780
47 acagccggac cagtgggaaa cacatccagg tcctgggccc caggatcagt gccgcggcg      840
48 aggatgggga caagtatgcc cagctcctag tggagacaga caccttcggt agtcaagtcc      900
49 ggatcaaggg caaggagacg gaattctacc tgtgcatgaa ccgcaaaggc aagctcgtgg      960
50 ggaagcccga tggcaccagc aaggagtgtg tgttcacga gaaggttctg gagaacaact     1020
51 acacggccct gatgtcggct aagtactccg gctggtacgt gggcttcacc aagaaggggc     1080
52 ggccgctcta gaggatccct cgaggggccc aagcttacgc gtgcatgc      1128
54 <210> SEQ ID NO: 2
55 <211> LENGTH: 160
56 <212> TYPE: PRT
57 <213> ORGANISM: Homo sapien
59 <400> SEQUENCE: 2
60 Met Tyr Ser Ala Pro Ser Ala Cys Thr Cys Leu Cys Leu His Phe Leu

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61      1              5              10              15
62 Leu Leu Cys Phe Gln Val Gln Val Leu Val Ala Glu Glu Asn Val Asp
63              20              25              30
64 Phe Arg Ile His Val Glu Asn Gln Thr Arg Ala Arg Asp Asp Val Ser
65              35              40              45
66 Arg Lys Gln Leu Arg Leu Tyr Gln Leu Tyr Ser Arg Thr Ser Gly Lys
67              50              55              60
68 His Ile Gln Val Leu Gly Arg Arg Ile Ser Ala Arg Gly Glu Asp Gly
69              65              70              75              80
70 Asp Lys Tyr Ala Gln Leu Leu Val Glu Thr Asp Thr Phe Gly Ser Gln
71              85              90              95
72 Val Arg Ile Lys Gly Lys Glu Thr Glu Phe Tyr Leu Cys Met Asn Arg
73              100             105             110
74 Lys Gly Lys Leu Val Gly Lys Pro Asp Gly Thr Ser Lys Glu Cys Val
75              115             120             125
76 Phe Ile Glu Lys Val Leu Glu Asn Asn Tyr Thr Ala Leu Met Ser Ala
77              130             135             140
78 Lys Tyr Ser Gly Trp Tyr Val Gly Phe Thr Lys Lys Gly Arg Pro Leu
79              145             150             155             160
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82 <211> LENGTH: 20
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Primer sequence
89 <400> SEQUENCE: 3
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92 <210> SEQ ID NO: 4
93 <211> LENGTH: 1570
94 <212> TYPE: DNA
95 <213> ORGANISM: Homo sapien
97 <400> SEQUENCE: 4
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99 gacggagcgg ccgtgacgct ttcgcgtgc agccgcgcgc cccgacccc gagcgctgac 120
100 ccctggcccc acgcagctcc gcgccgggc cggagagcgc aactcggctt ccagacccgc 180
101 cgcgcattgct gtccccggac tgagccgggc agccagcctc ccacggacgc ccggacggcc 240
102 ggccggccag cagtgagcga gcttccccgc accggccagg cgctcctgc acaacggctg 300
103 ccgccccgca gccctgcgc cagccggag ggcgcagcgc tcgggaggag ccgcgcgggg 360
104 cgtgatgcc gcagggcgc ccgcggagc ccccgagca gcagagtctg cagcagcagc 420
105 agccggcgag gaggagcag cagcagcggc ggcggcggc gcggcggcgc cggaggcgcc 480
106 cggctccggc cgcgcggagc ggacatgtgc aggtgggct aggagccgc gcctccctcc 540
107 cgccagcga tgtattcag gccctccgc tgcacttgc tgtgtttaca ctctctgctg 600
108 ctgtgcttcc aggtacaggt gctggttgcc gaggagaacg tggacttccg catccacgtg 660
109 gagaaccaga cgcgggctcg ggacgatgtg agccgtaagc agctgcggct gtaccagctc 720
110 tacagccgga ccagtggaa acacatccag gtccctggcc gcaggatcag tgcccgcgcc 780
111 gaggatgggg acaagtatgc ccagctccta gtggagacag acaccttcg tagtcaagtc 840
112 cggatcaagg gcaaggagac ggaattctac ctgtgcatga accgcaaagg caagctcgtg 900
113 ggggaagccc atggcaccag caaggagtgt gtgttcacg agaagttct ggagaacaac 960
114 tacacggccc tgatgtcggc taagtactcc ggtcggtacg tgggcttcac caagaagggg 1020

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115 cggccgcgga agggcccca gaccgaggag aaccagcagg acgtgcattt catgaagcgc 1080
116 taccccaagg ggcagccgga gcttcagaag cccttcaagt acacgacggt gaccaagagg 1140
117 tcccgtcgga tccggcccaac acaccctgcc taggccaccc cgccgcggcc cctcaggtcg 1200
118 ccctggccac actcacactc ccagaaaact gcatcagagg aatattttta catgaaaaat 1260
119 aaggaagaag ctctattttt gtacattgtg tttaaagaa gacaaaaact gaacaaaac 1320
120 tcttgggggg aggggtgata aggattttat tgttgacttg aaacccccga tgacaaaaga 1380
121 ctcacgcaaa gggactgtag tcaaccaca ggtgcttgtc tctctctagg aacagacaac 1440
122 tctaaactcg tcccagagg aggacttgaa tgaggaaacc aacactttga gaagccaaag 1500
123 tcttttttcc caaaggttct gaaaggaaaa aaaaaaaac aaaaaaaa aaaaaaaa 1560
124 aaaaaaaa 1570

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126 <210> SEQ ID NO: 5

127 <211> LENGTH: 207

128 <212> TYPE: PRT

129 <213> ORGANISM: Homo sapien

131 <400> SEQUENCE: 5

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132 Met Tyr Ser Ala Pro Ser Ala Cys Thr Cys Leu Cys Leu His Phe Leu
133   1           5           10           15
134 Leu Leu Cys Phe Gln Val Gln Val Leu Val Ala Glu Glu Asn Val Asp
135           20           25           30
136 Phe Arg Ile His Val Glu Asn Gln Thr Arg Ala Arg Asp Val Ser
137           35           40           45
138 Arg Lys Gln Leu Arg Leu Tyr Gln Leu Tyr Ser Arg Thr Ser Gly Lys
139           50           55           60
140 His Ile Gln Val Leu Gly Arg Arg Ile Ser Ala Arg Gly Glu Asp Gly
141           65           70           75           80
142 Asp Lys Tyr Ala Gln Leu Leu Val Glu Thr Asp Thr Phe Gly Ser Gln
143           85           90           95
144 Val Arg Ile Lys Gly Lys Glu Thr Glu Phe Tyr Leu Cys Met Asn Arg
145           100          105          110
146 Lys Gly Lys Leu Val Gly Lys Pro Asp Gly Thr Ser Lys Glu Cys Val
147           115          120          125
148 Phe Ile Glu Lys Val Leu Glu Asn Asn Tyr Thr Ala Leu Met Ser Ala
149           130          135          140
150 Lys Tyr Ser Gly Trp Tyr Val Gly Phe Thr Lys Lys Gly Arg Pro Arg
151          145          150          155          160
152 Lys Gly Pro Lys Thr Arg Glu Asn Gln Gln Asp Val His Phe Met Lys
153           165          170          175
154 Arg Tyr Pro Lys Gly Gln Pro Glu Leu Gln Lys Pro Phe Lys Tyr Thr
155           180          185          190
156 Thr Val Thr Lys Arg Ser Arg Arg Ile Arg Pro Thr His Pro Ala
157           195          200          205

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159 <210> SEQ ID NO: 6

160 <211> LENGTH: 15

161 <212> TYPE: PRT

162 <213> ORGANISM: Homo sapien

164 <400> SEQUENCE: 6

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165 Lys Arg Tyr Pro Lys Gly Gln Pro Glu Leu Gln Lys Pro Phe Lys
166   1           5           10           15

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VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\09836960.txt

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